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"PATENT"

TRANSMITTAL FORM

In re application of: Ramesh Varadaraj
U. S. Serial No.: 10/768,869 [810031]

Filed: January 30, 2004

For: METHOD FOR IMPROVING OIL DESALTING BY
FORMING UNSTABLE WATER-IN-OIL
EMULSIONS

) Before the Examiner
) Sharon Brooks
)
) Confirmation Number: 7308
) Group Art Unit: 1743
) Family Number: P2003J022-US2

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

☒ The undersigned hereby certifies having information and a reasonable basis for belief that this correspondence will be deposited as first-class mail with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on September 16, 2004.

Transmittal herewith is an amendment/response in the above-identified application.

Petition for extension of time pursuant to 37 CFR 1.136 and 1.137 is hereby made, if and to the extent, required. The fee for this extension of time is calculated to be \$ 0 to extend the time for filing this response until _____.

The fee for any changes in number of claims has been calculated as shown below.

| CLAIMS AS AMENDED | | | | | | |
|------------------------------|--|-------|--|-------------------------|-------------|----------|
| (1) | (2) Claims Remaining After Amendment | (3) | (4) Highest Number Previously Paid For | (5) Present Extra | (6) Rate | (7) |
| Total Claims | * | Minus | ** | | x 18.00 | |
| Indep. Claims | * | Minus | *** | | x 86.00 | |
| MULTIPLE DEPENDENT CLAIM FEE | | | | | \$290.00 | |
| FEE FOR CLAIM CHANGES | | | | | | <u>0</u> |

- * If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The total fee for this INFORMATION DISCLOSURE STATEMENT, including claim changes and any extension of time is calculated to be \$ 0.

☒ Charge \$ 0 to Deposit Account No. 05-1330.

☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 and 1.17 which may be required by this paper, or credit any overpayment, to Deposit Account No. 05-1330. A duplicate copy of this Form is enclosed.

Sept 15, 2004
DATE OF SIGNATURE

Ramesh Varadaraj
ATTORNEY OR AGENT OF RECORD

Post Office Address: [to which correspondence is to be sent]
ExxonMobil Research and Engineering Company
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Annandale, New Jersey 08801-0900

RAMESH VARADARAJ

Registration No. 48,010

☒ Pursuant to 37 CFR 1.34(a)

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PATENT TRADEMARK OFFICE



"PATENT"

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Ramesh Varadaraj

) Before the Examiner
) Sharon Brooks

U. S. Serial No.: 10/768,869

) Confirmation Number: 7308

Filed: January 30, 2004

) Group Art Unit: 1743

For: METHOD FOR IMPROVING OIL
DESALTING BY FORMING UNSTABLE
WATER-IN-OIL EMULSIONS

) Family Number: P2003J022-US2
)
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Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

I hereby certify that I have a reasonable basis for believing that this correspondence will be deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on September 16, 2004.

Date of Deposit

JOANNE WOLTERS

Name

Joanne Wolters

Signature

Sept. 15, 2004

Date of Signature

Sir:

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.98 AND 1.97

Submitted herewith is the Information Disclosure Statement for the above application.

The Information Disclosure Statement is filed (per checked box(es)):

☒ Pursuant to 37 CFR 1.97(b) (**Check One**); no fee is due:

☐ (1) Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); **or**

☐ (2) Within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; **or**

☒ (3) Before the mailing of a first Office action on the merits; **or**



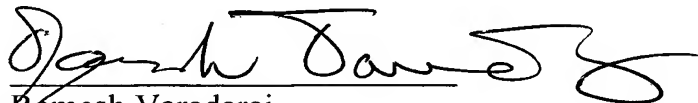
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PATENT TRADEMARK OFFICE

- ☐ (4) Before the mailing of a first Office action after the filing of a request for continued examination under 37 CFR 1.114.
- ☐ Pursuant to 37 CFR 1.97(c): After the period specified in 37 CFR 1.97(b), but before the mailing date of any final action under 37 CFR 1.113, a notice of allowance under 37 CFR 1.311 or an action that otherwise closes prosecution in the application and is accompanied by one of: **(Check One)**
- ☐ (1) A statement as specified in 37 CFR 1.97(e) **(See Statement Below)**; **or**
- ☐ (2) The fee set forth in 37 CFR 1.17 (p).
- ☐ Pursuant to 37 CFR 1.97(d): after the period specified in 37 CFR 1.97(c), but on or before payment of the issue fee and accompanied by **both**: (1) A statement as specified in 37 CFR 1.97(e) **(See Statement Below)**; **and** (2) The fee set forth in 37 CFR 1.17(p).
- ☐ Statement under 37 CFR 1.37(e): **(Check One)**
- ☐ (1) Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; **or**
- ☐ (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

The Commissioner is authorized to charge Deposit Account 05-1330 for any fees due.

Respectfully submitted,



Ramesh Varadaraj

Agent for Applicants

Registration No. 48,010

Telephone No. (908) 730-2191

☒ Pursuant to 37 CFR 1.34(a)

ExxonMobil Research and Engineering Company
P.O. Box 900
Annandale, New Jersey 08801-0900

RV:jmw
9/14/04



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|--|----------------------------------|--------------------------------|
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | Attorney Docket No. RV-0401 | U. S. Serial No. 10/768,869 |
| | Applicant(s) Ramesh Varadaraj | |
| | Filing Date January 30, 2004 | Group Art Unit 1743 |

U. S. PATENT DOCUMENTS

| * | Examiner Initial | Document Number | Date | Name | Class | Sub-Class | Filing Date |
|---|------------------|------------------|----------|--------------------|-------|-----------|-------------|
| | AA | 2 9 0 4 4 8 5 | 9/15/59 | Tarmy, et al. | 204 | 154 | 6/21/56 |
| | AB | 4 7 3 8 7 9 5 | 4/19/88 | Farnand | 252 | 340 | 9/27/85 |
| | AC | 3 9 5 0 2 4 5 | 4/13/76 | Aliev | 208 | 187 | 6/28/74 |
| | AD | 6 2 2 8 2 3 9 B1 | 5/8/01 | Manalastas, et al. | 204 | 567 | 2/26/99 |
| | AE | 1 9 8 4 4 3 2 | 12/18/34 | Robinson | 196 | 41 | 6/5/31 |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |

FOREIGN PATENT DOCUMENTS

| * | Examiner Initial | Document Number | Publication Date | Country | Class | Sub-Class | Translation Yes No | |
|---|------------------|--------------------|------------------|---------|-------|-----------|-----------------------|--|
| | AJ | WO 03/ 0 8 7 2 6 3 | 12.10.03 | PCT | C10G | | | |
| | AK | WO 00/ 5 0 5 4 1 | 31.08.00 | PCT | C10G | 33/04 | | |
| | AL | | | | | | | |
| | AM | | | | | | | |

OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)

| | | |
|---|------------------|--|
| * | Examiner Initial | AN STARK, J. L., et al.: "NEW METHOD PREVENTS DESALTER UPSETS FROM BLENDING INCOMPATIBLE CRUDES" Oil & Gas Journal, Pennwell Publishing Co. Tulsa, US, Vol. 100, No. 11, 18 March 2002, pages 89-91, XP001101619 |
| | AO | |
| | AP | |

Examiner

Date Considered

* Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and NOT considered. Include copy of this form with next communication to applicant(s).